



Oct-26-04 08:16am From-MOTOROLA

18475763750

T-087 P.002/002 F-109

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

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P.O. Box 1450  
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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

22917 7590 10/18/2004  
MOTOROLA, INC.  
1303 EAST ALGONQUIN ROAD  
IL01/3RD  
SCHAUMBURG, IL 60196

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Nanette Orr	(Depositor's name)
<i>Nanette Orr</i>	(Signature)
October 26, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/637,121	08/08/2003	Louis Yizhang Liu	IS01220AP	3815

TITLE OF INVENTION: MISFIRE DETECTION IN AN INTERNAL COMBUSTION ENGINE 10/26/2004 SZEWDIE2 00000078 502117 10637121

01 FC:1501 1370.00 DA  
02 FC:1504 300.00 DA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	01/18/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
HOANG, JOHNNY H	3747	701-111000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
  - ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
  - (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.
1. Brian M. Mancini  
2.  
3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Motorola, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Schaumburg, IL

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 502117 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature *Brian M. Mancini*  
Typed or printed name Brian M. Mancini

Date 10-26-2004  
Registration No. 39,288

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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**MOTOROLA**

## FAX TRANSMITTAL SHEET

Motorola, Inc.  
Intellectual Property Section  
Law Department  
1303 E. Algonquin Rd.  
Schaumburg, IL 60196

Telephone: (847) 576-3992  
Facsimile: (847) 576-3750

**2** Number of Pages (including this page)

Date: October 26, 2004  
To: Mail Stop Issue Fee  
Location: United States Patent and Trademark Office  
Fax No.: 703-746-4000  
From: Brian M. Mancini (Registration No. 39,288)  
Subject: Serial No. 10/637,121 - Liu et al.

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## MESSAGE:

Enclosed herewith, please find Part B -- Issue Fee Transmittal Form for filing in the below-identified application.

**PLEASE GIVE THESE PAPERS TO:**

Issue Fee Branch	
GROUP ART UNIT:	3747
SERIAL NO.:	10/637,121
FILED:	08/08/2003
INVENTOR:	Liu et al.
ATTORNEY DOCKET NO.:	IS01220AP